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# Furbearer Carcass Analysis and Species Status

# Progress Report 1985-86

By Rewcastle, Catherine S. 1986

Manitoba
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Wildlife
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ABSTRACT

In the second year of a Manitoba furbearer population status study, 629 specimens of 14 species were analyzed. Most specimens were received from trapping sections in northwestern Manitoba. The accuracy of age determination by radiograph and tooth cementum improved over 1984-85 results for fisher (Martes pennanti)and otter (Lutra canadensis) but decreased for mink (Mustela vison)and remained at a 10% difference for marten (Martes americana). The overall status of mink populations was good, fisher was poor, otter was in fair shape and marten very good in the Cormorant trapping section. It was recommended that fisher and otter populations be monitored more closely and carefully.

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## INTRODUCTION

The status of Manitoba's furbearer populations have been studied sporadically in the past (MacLeod undated, Koonz 1976, Stardom 1978). Annual sex-age ratios of harvested animals can be indicative of population status (Eberhardt 1969, Strickland and Douglas 1975) and, in combination with harvest statistics, indicate trends and inherent fluctuations. Differences in populations between areas may also be distinguished and seasons can be set to more effectively manage and conserve the resource.

The following is a progress report on the second year of a biological status survey of harvested furbearers. The first year results can be found in Rewcastle (1986).

## METHODS

Collection and processing of carcasses was performed as described in Rewcastle (1986) with one exception. Skulls were heated in a pressure cooker from 30 minutes to 2 hours depending on size instead of using an enzyme solution.

A sample of teeth from most species were sent to Matson's, Milltown, Montana for sectioning and aging. These results were compared to the results gained from radiograph analyses and baculum dimensions. Radiographs were taken at 46kv, 200 mA for 1/20 sec. Placental scars were recorded when visible to the naked eye.

## RESULTS

A total of 629 carcasses from 14 species of furbearers were processed (Table 1, Appendices I & II). Of these 594 were

TABLE 1: Summary of specimens collected by species

| SPECIES | NO. ANALYZED | MALE | | | FEMALE | | | PLACENTAL SCARS |
|---|---|---|---|---|---|---|---|---|
| | | JUVENILE | ADULT | UNKNOWN | JUVENILE | ADULT | UNKNOWN | TOTAL |
| Arctic Fox | 3 | 1 | | | 2 | | | |
| Beaver | 10 | 1 | | 9* | | | | |
| Coyote | 5 | 2 | | 1 | 2 | | | |
| Coloured Fox | | | | | | | | |
| Cross Fox | 1 | | 1 | | | | | |
| Red Fox | 9 | 1 | 3 | | 3 | 1 | 1 | |
| Silver Fox | 1 | | 1 | | | | | |
| Fisher | 72 | 26 | 4 | 2 | 24 | 16 | | 19 |
| Lynx | 2 | | 1 | | | 1 | | |
| Marten | 24 | 9 | 7 | | 5 | 1 | 2 | 2 |
| Mink | 387 | 121 | 60 | 10 | 80 | 107 | 9 | 41 |
| Otter | 81 | 14 | 17 | 3 | 18 | 28 | 1 | 21 |
| Raccoon | 1 | 1 | | | | | | |
| Red Squirrel | 2 | | | 2 | | | | |
| S.T. Weasel | 21 | | | 20 | | | 1 | |
| Wolf | 9 | 2 | 6 | | | | 1 | |
| Wolverine | 1 | | 1 | | | | | |
| TOTAL | 629 | 178 | 101 | 47 | 134 | 154 | 15 | 83 |

* Only heads were received, sex was not indicated.

aged using radiographs, 141 were aged by cementum annuli and 97 by baculum dimensions. A total of 83 placental scars were observed. Forty-three trappers and Natural Resources personnel contributed specimens. Most specimens were received from the northwest trapping sections Sherridon, Cranberry-Portage, Cormorant, Snow Lake, Cross Lake, Norway House and The Pas (Fig. 1).

Ages of specimens determined using radiographs coincided somewhat better with cementum annuli determinations than for 1984-85. Fisher (Martes pennanti) age groupings agreed for all three methods, a definite improvement over a 33% difference between radiographs and sections in 1984-85 (Table 2). This can be attributed to an increase in experience in separating age classes by pulp cavity width. Agreement of age groupings between methods for marten (Martes americana) remained at 10%. Discrepancies between ages determined from pulp cavity widths and cementum annuli for mink (Mustela vison)increased from 17% to 33%. Some of this difference may be attributed to the overheating and damage to the cementum of a number of these specimens making it difficult to determine age by either method. Inherent human error in each may be magnified.

The determination of ages for otter (Lutra canadensis) by both methods changed from a difference between 10% of the samples to 100% agreement. However there are still problems with ages determined from baculum dimensions. This may be attributed partly to the difficulty in preparing the bacula for analysis.

Where there were sufficient sample sizes, age-sex ratios were calculated for the trapping area to determine the relative status of the population (Obbard 1984, Strickland and Douglas 1975)

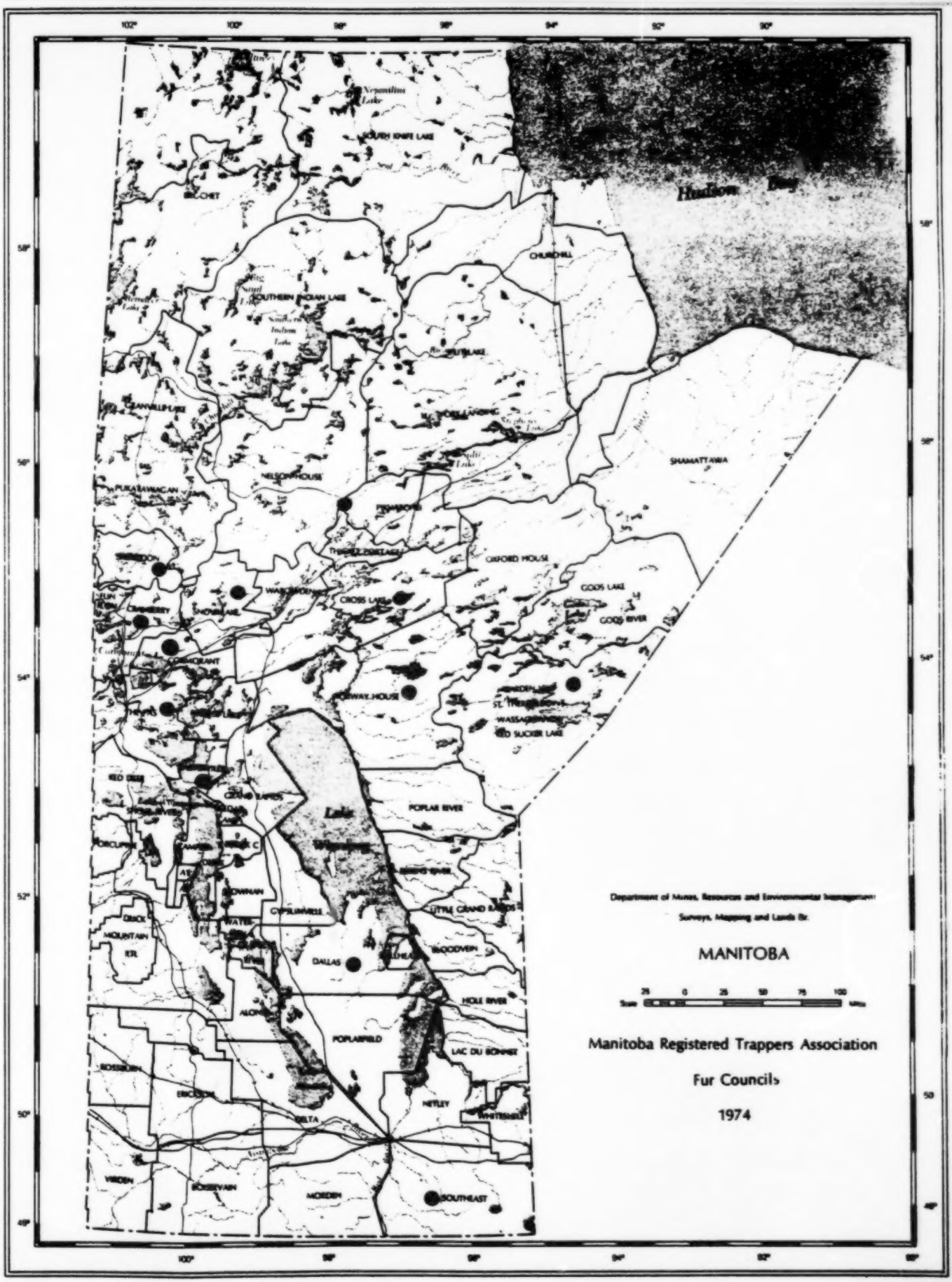


Figure 1: Locations of specimen collections.

TABLE 2: Comparison of aging results between radiograph, baculum and tooth sectioning methods

| SPECIES | NO. AGED | NO. BACULUM | % Difference Between RADIOGRAPH/TOOTH SECTION | % Difference Between BACULUM/TOOTH SECTION | % Difference Between BACULUM/RADIOGRAPH |
|---|---|---|---|---|---|
| Arctic Fox | 3 | 0 | 0 | - | - |
| Beaver | 0 | - | - | - | - |
| Coyote | 4 | 0 | 0 | - | - |
| Coloured Fox | | | | | |
| Cross Fox | 1 | 0 | - | - | - |
| Red Fox | 9 | 0 | 0 | - | - |
| Silver Fox | 1 | 0 | 0 | - | - |
| Fisher | 72 | 22 | 0 | 0 | 0 |
| Lynx | 2 | 0 | 0 | - | - |
| Marten | 24 | 16 | 13 | 0 | 0 |
| Mink | 387 | 35 | 33 | 14 | 13 |
| Otter | 81 | 22 | 0 | 25 | 35 |
| Raccoon | 1 | 0 | 0 | - | - |
| Red Squirrel | 0 | 0 | 0 | - | - |
| S.T. Weasel | 0 | 0 | - | - | - |
| Wolf | 8 | 0 | 0 | - | - |
| Wolverine | 1 | 0 | 0 | - | - |

by subjective observation (Table 3) (Appendix II).

Only two lynx (Lynx canadensis) carcasses were received and analyzed. The lynx season was closed for 1985-86 and the specimens received were accidental captures. An adult male, one year old was trapped in the Southeast, Sandilands Provincial Forest. The second was a four year old female caught in the Easterville trapping section. The remainder of trapline areas did not have species samples of sufficient size to calculate indicative age-sex ratios and thus determine their status.

## DISCUSSION

Improved reliability in radiograph aging methods was accomplished with the increased experience of the reader even though there still seems to be a problem with small sized teeth. Radiographs are a useful tool in furbearer management where only population trends need be indicated and exact age measurements are not necessary.

The age-sex ratios for fisher were below the four juvenile/adult female and fewer than one male harvested for every female as recommended by Strickland and Douglas (1975). The harvest statistics may also indicate a problem as the overall provincial harvest of fisher decreased from 1984-85 by 18% or 800 animals even though the auction values increased by 33%. Based on the results it is recommended that the fisher populations be monitored closely and seasons be limited until one of their main food sources, snowshoe hare (Lepus americanus), repopulate to a level that can sustain a large fisher population.

TABLE 3: Age-sex ratios and the relative status of furbearer populations in selected trapping areas.

| SPECIES | NUMBER | TRAPLINE AREA | M:F | J:AF | STATUS |
|---|---|---|---|---|---|
| Mink | 67 | Cranberry-Portage | 1.29:1 | 2.56:1 | Good |
| Otter | 19 | Cranberry-Portage | 1.17:1 | 1.50:1 | Fair |
| Fisher | 11 | Cormorant | 0.57:1 | 3.00:1 | Poor |
| Marten | 29 | Cormorant | 1.07:1 | 12.0:1 | Very Good |
| Mink | 38 | Cormorant | 0.56:1 | 1.28:1 | Fair |
| Otter | 11 | Cormorant | 1.75:1 | 2.00:1 | Good |
| Mink | 26 | The Pas | 1.89:1 | 1.43:1 | Fair |
| Mink | 55 | Snow Lake | 1.20:1 | 2.67:1 | Good |
| Otter | 11 | Snow Lake | 0.10:1 | 4.00:1 | Good |
| Fisher | 20 | Sherridon | 0.82:1 | 19.0:1 | Very Good |
| Mink | 137 | Sherridon | 0.85:1 | 1.83:1 | Fair |
| Otter | 16 | Sherridon | 1.00:1 | 1.20:1 | |

Otter populations should be monitored closely on an annual basis and seasons set accordingly to ensure there is no overharvest and population degradation does not take place.

Mink appear to be in sufficient numbers throughout to provide for harvesting over the next few trapping seasons.

Pooled data for 1984-86 are not available since the species samples and trapline samples are different for the two years.

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APPENDIX I
Species list

| Common Name | Scientific Name |
|---|---|
| Arctic Fox | *Alopex lagopus* |
| Beaver | *Castor canadense* |
| Coyote | *Canis latrans* |
| Fisher | *Martes pennanti* |
| Lynx | *Lynx canadensis* |
| Marten | *Martes americana* |
| Mink | *Mustela vison* |
| Otter | *Lutra canadensis* |
| Raccoon | *Procyon lotor* |
| Red Fox | *Vulpes vulpes* |
| Red Squirrel | *Tamaisciurus hudsonicus* |
| Short-tailed weasel | *Mustela erminea* |
| Wolf | *Canis lupus* |
| Wolverine | *Gulo gulo* |

# APPENDIX II

Specimens collected by trapline section

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| TRAPLINE | SPECIES | SPECIMEN # | JUV. | ADULT | YEARS | MALE | FEMALE | SCARS |
|---|---|---|---|---|---|---|---|---|
| CORMORANT | BEAVER | | 1 | | | 1 | | |
| CORMORANT | FISHER | 113329 | 1 | | | | 1 | |
| CORMORANT | FISHER | 113180 | | 1 | | 1 | | |
| CORMORANT | FISHER | 113227 | | 1 | | 1 | | |
| CORMORANT | FISHER | 113228 | 1 | | | | 1 | 0 |
| CORMORANT | FISHER | 113230 | | 1 | | | 1 | 0 |
| CORMORANT | FISHER | 113229 | 1 | | | | 1 | 0 |
| CORMORANT | FISHER | 113216 | | 1 | 3 | 1 | | |
| CORMORANT | FISHER | 112995 | 1 | | | | 1 | 3 |
| CORMORANT | MARTEN | 112990 | 1 | | J | | 1 | 2 |
| CORMORANT | MARTEN | 47 | 1 | | J | 1 | | |
| CORMORANT | MARTEN | 48 | 1 | | J | | 1 | 0 |
| CORMORANT | MARTEN | 49 | 1 | | J | 1 | | |
| CORMORANT | MARTEN | 50 | 1 | | J | 1 | | |
| CORMORANT | MARTEN | 51 | 1 | | 2 | | 1 | |
| CORMORANT | MARTEN | 52 | | 1 | J | 1 | | |
| CORMORANT | MARTEN | 53 | 1 | | J | | 1 | |
| CORMORANT | MARTEN | 113197 | | 1 | 3 | 1 | | |
| CORMORANT | MARTEN | 113210 | | 1 | | 1 | | |
| CORMORANT | MARTEN | 113217 | 1 | | | 1 | | |
| CORMORANT | MARTEN | 113218 | | 1 | | 1 | | |
| CORMORANT | MARTEN | 113219 | 1 | | | 1 | | |
| CORMORANT | MARTEN | 113220 | 1 | | | 1 | | |
| CORMORANT | MARTEN | 113221 | | 1 | | | 1 | |
| CORMORANT | MARTEN | 113222 | | 1 | | 1 | | |
| CORMORANT | MARTEN | 113223 | 1 | | | 1 | | |
| CORMORANT | MARTEN | 113224 | 1 | | | 1 | | |
| CORMORANT | MARTEN | 113225 | | 1 | | 1 | | |
| CORMORANT | MARTEN | 113226 | | 1 | 1 | 1 | | |
| CORMORANT | MINK | 113209 | 1 | | 1 | | 1 | 0 |
| CORMORANT | MINK | 113203 | | 1 | | 1 | | |
| CORMORANT | MINK | 37 | | 1 | | | 1 | 0 |
| CORMORANT | MINK | 38 | | 1 | 1 | | 1 | |
| CORMORANT | MINK | 39 | | 1 | | | 1 | 0 |
| CORMORANT | MINK | 40 | 1 | | | 1 | | |
| CORMORANT | MINK | 41 | 1 | | | | 1 | 0 |
| CORMORANT | MINK | 42 | 1 | | | | 1 | 0 |
| CORMORANT | MINK | 43 | 1 | | | | 1 | 0 |
| CORMORANT | MINK | 44 | 1 | | J | | 1 | 0 |
| CORMORANT | MINK | 45 | | 1 | | 1 | | |
| CORMORANT | MINK | 46 | 1 | | | 1 | | |
| CORMORANT | MINK | 113231 | | 1 | | 1 | | |
| CORMORANT | MINK | 113232 | 1 | | | 1 | | |
| CORMORANT | MINK | 113233 | 1 | | | 1 | | |
| CORMORANT | MINK | 113234 | | 1 | | 1 | | |
| CORMORANT | MINK | 113235 | | 1 | | 1 | | |
| CORMORANT | MINK | 113236 | | 1 | | 1 | | |
| CORMORANT | MINK | 113202 | | | | | 1 | |
| CORMORANT | MINK | 113204 | | 1 | | | 1 | |
| CORMORANT | MINK | 113211 | | 1 | | | 1 | 0 |

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| TRAPLINE | SPECIES | SPECIMEN # | JUV. | ADULT | YEARS | MALE | FEMALE | SCARS |
|---|---|---|---|---|---|---|---|---|
| CORMORANT | MINK | 113212 | | 1 | | 1 | | |
| CORMORANT | MINK | 113213 | | 1 | | | 1 | |
| CORMORANT | MINK | 113214 | | 1 | J | 1 | | |
| CORMORANT | MINK | 113215 | | 1 | | | 1 | |
| CORMORANT | MINK | 112992 | | 1 | J | 1 | | |
| CORMORANT | OTTER | 113129 | 1 | | | 1 | | |
| CORMORANT | OTTER | 113110 | 1 | | J | | 1 | |
| CORMORANT | OTTER | 113111 | 1 | | | 1 | | |
| CORMORANT | OTTER | 113113 | | 1 | | | 1 | 2 |
| CORMORANT | OTTER | 113114 | | 1 | | | 1 | 2 |
| CORMORANT | OTTER | 113115 | | 1 | | 1 | | |
| CORMORANT | OTTER | 113116 | 1 | | | | 1 | 1 |
| CORMORANT | OTTER | 113121 | | 1 | | 1 | | |
| CORMORANT | OTTER | 113221 | | | | 1 | | |
| CORMORANT | OTTER | 113194 | | 1 | | 1 | | |
| CORMORANT | OTTER | 113196 | | | | 1 | | |
| CORMORANT | RED FOX | 113199 | | 1 | 7 | | 1 | |
| CORMORANT | RED FOX (SIL | 113189 | | 1 | | 1 | | |
| CORMORANT | WOLF | 161 | | | | | 1 | |
| | | | 30 | 35 | | 40 | 29 | |

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| TRAPLINE | SPECIES | SPECIMEN # | JUV. | ADULT | YEARS | MALE | FEMALE | SCARS |
|---|---|---|---|---|---|---|---|---|
| CRANB-PTGE | MINK | 113143 | | 1 | | 1 | | |
| CRANB-PTGE | MINK | 113014 | 1 | | | 1 | | |
| CRANB-PTGE | MINK | 113054 | 1 | | | 1 | | |
| CRANB-PTGE | MINK | 113006 | | | | | 1 | 0 |
| CRANB-PTGE | MINK | 113007 | 1 | | | 1 | | |
| CRANB-PTGE | MINK | 113008 | | 1 | | 1 | | |
| CRANB-PTGE | MINK | 113009 | | 1 | | | 1 | 0 |
| CRANB-PTGE | MINK | 113010 | | 1 | | 1 | | |
| CRANB-PTGE | MINK | 113011 | 1 | | | 1 | | |
| CRANB-PTGE | MINK | 113012 | 1 | | | 1 | | |
| CRANB-PTGE | MINK | 113013 | | 1 | | | 1 | 4 |
| CRANB-PTGE | MINK | 113015 | 1 | | | | 1 | |
| CRANB-PTGE | MINK | 113016 | 1 | | | | 1 | 0 |
| CRANB-PTGE | MINK | 113017 | | 1 | 1 | 1 | | |
| CRANB-PTGE | MINK | 113018 | 1 | | | | 1 | 0 |
| CRANB-PTGE | MINK | 113025 | 1 | | | 1 | | |
| CRANB-PTGE | MINK | 113026 | | 1 | | | 1 | ? |
| CRANB-PTGE | MINK | 113027 | | 1 | | 1 | | |
| CRANB-PTGE | MINK | 113028 | | 1 | | | 1 | 0 |
| CRANB-PTGE | MINK | 113029 | | 1 | | 1 | | |
| CRANB-PTGE | MINK | 113030 | | 1 | | | 1 | 0? |
| CRANB-PTGE | MINK | 113031 | | 1 | | | 1 | 0 |
| CRANB-PTGE | MINK | 113034 | | 1 | | 1 | | |
| CRANB-PTGE | MINK | 113035 | | 1 | | 1 | | |
| CRANB-PTGE | MINK | 113036 | 1 | | | 1 | | |
| CRANB-PTGE | MINK | 113037 | 1 | | | 1 | | |
| CRANB-PTGE | MINK | 113038 | | 1 | | | 1 | 3 |
| CRANB-PTGE | MINK | 113039 | | 1 | | 1 | | |
| CRANB-PTGE | MINK | 113040 | 1 | | | 1 | | |
| CRANB-PTGE | MINK | 113041 | | 1 | | | 1 | 3 |
| CRANB-PTGE | MINK | 113042 | | 1 | J | | 1 | 0 |
| CRANB-PTGE | MINK | 113046 | | 1 | | 1 | | |
| CRANB-PTGE | MINK | 113047 | 1 | | | 1 | | |
| CRANB-PTGE | MINK | 113048 | 1 | | | | 1 | 0 |
| CRANB-PTGE | MINK | 113049 | | | | 1 | | |
| CRANB-PTGE | MINK | 113050 | | 1 | | 1 | | |
| CRANB-PTGE | MINK | 113051 | | 1 | 3 | F | 2 | |
| CRANB-PTGE | MINK | 113052 | 1 | | | | 1 | 0 |
| CRANB-PTGE | MINK | 113053 | 1 | | | 1 | | |
| CRANB-PTGE | MINK | 113055 | 1 | | | | 1 | 0 |
| CRANB-PTGE | MINK | 113056 | 1 | | | 1 | | |
| CRANB-PTGE | MINK | 113057 | 1 | | | 1 | | |
| CRANB-PTGE | MINK | 113058 | | | | 1 | | |
| CRANB-PTGE | MINK | 113059 | 1 | | | | 1 | 0 |
| CRANB-PTGE | MINK | 113060 | 1 | | | 1 | | |
| CRANB-PTGE | MINK | 113061 | 1 | | | | 1 | 0 |
| CRANB-PTGE | MINK | 113062 | 1 | | | | 1 | 0 |
| CRANB-PTGE | OTTER | 112998 | | 1 | 2 | 1 | | |
| CRANB-PTGE | OTTER | 113005 | | 1 | 5 | 1 | | |
| CRANB-PTGE | OTTER | 113019 | | 1 | | 1 | | |

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| TRAPLINE | SPECIES | SPECIMEN # | JUV. | ADULT | YEARS | MALE | FEMALE | SCARS |
|---|---|---|---|---|---|---|---|---|
| CRANB.-PTGE. | FISHER | 113125 | | 1 | | | 1 | 0 |
| CRANB.-PTGE. | FISHER | 113126 | 1 | | | 1 | | |
| CRANB.-PTGE. | FISHER | 113127 | 1 | | J | 1 | | |
| CRANB.-PTGE. | FISHER | 113128 | 1 | | | | 1 | 0 |
| CRANB.-PTGE. | FISHER | 113198 | 1 | | | | 1 | |
| CRANB.-PTGE. | FISHER | 113004 | 1 | | | 1 | | |
| CRANB.-PTGE. | FISHER | 113023 | 1 | | J | 1 | | |
| CRANB.-PTGE. | FISHER | 113024 | 1 | | | | 1 | 0 |
| CRANB.-PTGE. | FISHER | 113043 | 1 | | | 1 | | |
| CRANB.-PTGE. | FISHER | 113044 | 1 | | | | 1 | 0 |
| CRANB.-PTGE. | FISHER | 113045 | | | | 1 | | |
| CRANB.-PTGE. | FISHER | 113094 | 1 | | | | 1 | 0 |
| CRANB.-PTGE. | MINK | 113175 | 1 | | | 1 | | |
| CRANB.-PTGE. | MINK | 113207 | | 1 | | | 1 | 0 |
| CRANB.-PTGE. | MINK | 113200 | 1 | | | 1 | | |
| CRANB.-PTGE. | MINK | 113206 | 1 | | | | 1 | 0 |
| CRANB.-PTGE. | MINK | 113086 | | 1 | | | 1 | |
| CRANB.-PTGE. | MINK | 113095 | | 1 | | | 1 | |
| CRANB.-PTGE. | MINK | 113096 | | 1 | | | 1 | 0 |
| CRANB.-PTGE. | MINK | 113097 | 1 | | | | 1 | |
| CRANB.-PTGE. | MINK | 113099 | | 1 | J | | 1 | 0 |
| CRANB.-PTGE. | MINK | 113100 | | | | 1 | | |
| CRANB.-PTGE. | MINK | 113101 | | 1 | | 1 | | |
| CRANB.-PTGE. | MINK | 113102 | | | | 1 | | |
| CRANB.-PTGE. | MINK | 113103 | | 1 | | | 1 | |
| CRANB.-PTGE. | MINK | 113104 | | 1 | | | 1 | 0 |
| CRANB.-PTGE. | MINK | 113105 | | 1 | J | | 1 | 0 |
| CRANB.-PTGE. | MINK | 113106 | | 1 | J | | 1 | 0 |
| CRANB.-PTGE. | MINK | 113107 | | 1 | | | 1 | 3 |
| CRANB.-PTGE. | OTTER | 113109 | | 1 | | | 1 | |
| CRANB.-PTGE. | OTTER | 113117 | 1 | | | 1 | | |
| CRANB.-PTGE. | OTTER | 113118 | | 1 | 2 | | 1 | |
| CRANB.-PTGE. | OTTER | 113119 | 1 | | | | 1 | |
| CRANB.-PTGE. | OTTER | 113120 | | 1 | | | 1 | |
| CRANB.-PTGE. | OTTER | 113173 | 1 | | | 1 | | |
| CRANB.-PTGE. | OTTER | 113191 | | 1 | | | 1 | 3 |
| CRANB.-PTGE. | OTTER | 113192 | 1 | | | | 1 | 0 |
| CRANB.-PTGE. | OTTER | 113193 | 1 | | J | | 1 | 0 |
| CRANB.-PTGE. | RED FOX (CRO | 113083 | | 1 | 1 | 1 | | |
| CRANB.-PTGE. | ST. WEASEL | | | | | 1 | | |
| CRANB.-PTGE | MINK | 113084 | | 1 | J | 1 | | |
| CRANB.-PTGE | MINK | 113098 | 1 | | | | 1 | 0 |
| CRANB.-PTGE | OTTER | 113190 | 1 | | | 1 | | |
| CRANB.-PTE. | MINK | 113085 | | 1 | 1 | | 1 | |

File: CARCASSES 1986
Report: LIST

| TRAPLINE | SPECIES | SPECIMEN # | JUV. | ADULT | YEARS | MALE | FEMALE | SCARS |
|---|---|---|---|---|---|---|---|---|
| CRANB-PTGE | OTTER | 1113020 | | | | 1 | | |
| CRANB-PTGE | OTTER | 113021 | | 1 | | | 1 | ? |
| CRANB-PTGE | OTTER | 112997 | | 1 | | 1 | | |
| CRANB-PTGE | OTTER | 113001 | 1 | | | 1 | | |
| CRANB-PTGE | OTTER | 113002 | | 1 | | | 1 | ? |
| CRANB-PTGE | OTTER | 113003 | | 1 | | 1 | | |
| CRANB-PTGE | OTTER | 113022 | | 1 | | 1 | | |
| CRANB-PTGE | OTTER | 113032 | 1 | | | | 1 | 2 |
| CRANB-PTGE | OTTER | 113033 | | 1 | 2 | | 1 | 2 |
| CRANB-PTGE | OTTER | 113087 | 1 | | | | 1 | 0 |
| CRANB-PTGE | OTTER | 113088 | 1 | | | | 1 | 3 |
| CRANB-PTGE | OTTER | 113089 | | 1 | | 1 | | |
| CRANB-PTGE | OTTER | 113090 | 1 | | | 1 | | |
| CRANB-PTGE | OTTER | 113091 | 1 | | | 1 | | |
| CRANB-PTGE | OTTER | 113092 | | 1 | 1 | | 1 | 2 |
| CRANB-PTGE | OTTER | 113093 | | 1 | | 1 | | |
| | | | 29 | 33 | | 39 | 28 | |

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| TRAPLINE | SPECIES | SPECIMEN # | JUV. | ADULT | YEARS | MALE | FEMALE | SCARS |
|---|---|---|---|---|---|---|---|---|
| CROSS LAKE | FISHER | 113177 | 1 | | | 1 | | |
| CROSS LAKE | FISHER | 113178 | | 1 | | | 1 | 2 |
| CROSS LAKE | FISHER | 18 | | 1 | | | 1 | |
| CROSS LAKE | FISHER | 19 | | 1 | | | 1 | 0 |
| CROSS LAKE | FISHER | 20 | | 1 | | | 1 | |
| CROSS LAKE | MINK | 113165 | 1 | | | 1 | | |
| CROSS LAKE | MINK | 113170 | 1 | | | | 1 | |
| CROSS LAKE | MINK | 113171 | 1 | | | 1 | | |
| CROSS LAKE | MINK | 113181 | 1 | | J | 1 | | |
| CROSS LAKE | MINK | 113174 | 1 | | | 1 | | |
| CROSS LAKE | MINK | 113182 | | 1 | | 1 | | |
| CROSS LAKE | MINK | 113183 | 1 | | | 1 | | |
| CROSS LAKE | MINK | 113184 | | 1 | | | 1 | |
| CROSS LAKE | MINK | 113185 | 1 | | | 1 | | |
| CROSS LAKE | MINK | 113186 | | 1 | | 1 | | |
| CROSS LAKE | OTTER | 113172 | 1 | | J | | 1 | 0 |
| CROSS LAKE | OTTER | 79 | | 1 | | | 1 | |
| CROSS LAKE | OTTER | 80 | | 1 | | | 1 | 0 |
| CROSS LAKE | OTTER | 81 | 1 | | J | | 1 | 0 |
| CROSS LAKE | OTTER | 82 | 1 | | | 1 | | |
| CROSS LAKE | OTTER | 83 | 1 | | | | 1 | 0 |
| CROSS LAKE | OTTER | 113187 | 1 | | | 1 | | |
| CROSS LAKE | OTTER | 113188 | | 1 | | | 1 | |
| CROSS LAKE | RED FOX | 113195 | 1 | | | | 1 | |
| CROSS LAKE | WOLF | 112967 | | 1 | 7 | 1 | | |
| CORSS LAKE | MINK | 113169 | 1 | | | | 1 | 0 |

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| TRAPLINE | SPECIES | SPECIMEN # | JUV. | ADULT | YEARS | MALE | FEMALE | SCARS |
|---|---|---|---|---|---|---|---|---|
| NORWAY HOUSE | ARCTIC FOX | 78 | 1 | | J | 1 | | |
| NORWAY HOUSE | FISHER | 77 | | 1 | 2 | | 1 | |
| NORWAY HOUSE | FISHER | 113131 | 1 | | | | 1 | 0 |
| NORWAY HOUSE | FISHER | 113176 | 1 | | | 1 | | |
| NORWAY HOUSE | FISHER | 113132 | | 1 | | | 1 | 2 |
| NORWAY HOUSE | FISHER | 113133 | 1 | | | 1 | | |
| NORWAY HOUSE | FISHER | 113134 | | 1 | | | 1 | 2 |
| NORWAY HOUSE | MINK | 54 | | 1 | | | 1 | 0 |
| NORWAY HOUSE | MINK | 55 | | 1 | | | 1 | |
| NORWAY HOUSE | MINK | 113166 | 1 | | | 1 | | |
| NORWAY HOUSE | MINK | 113167 | 1 | | | | 1 | |
| NORWAY HOUSE | MINK | 113168 | 1 | | J | | 1 | |
| NORWAY HOUSE | MINK | 113136 | | 1 | | | 1 | 0 |
| NORWAY HOUSE | MINK | 113137 | | 1 | | | 1 | 4 |
| NORWAY HOUSE | MINK | 113139 | 1 | | J | 1 | | |
| NORWAY HOUSE | MINK | 113141 | 1 | | | 1 | | |
| NORWAY HOUSE | MINK | 113159 | | 1 | | | 1 | 0 |
| NORWAY HOUSE | MINK | 113135 | 1 | | | 1 | | |
| NORWAY HOUSE | MINK | 113138 | | 1 | | | 1 | 0 |
| NORWAY HOUSE | MINK | 113142 | | 1 | | | 1 | 0 |
| NORWAY HOUSE | MINK | 113140 | | 1 | | | 1 | |
| NORWAY HOUSE | MINK | 113163 | | 1 | J | | 1 | 3 |
| NORWAY HOUSE | MINK | 113164 | | 1 | | 1 | | |
| NORWAY HOUSE | MINK | 56 | 1 | | | 1 | | |
| NORWAY HOUSE | MINK | 57 | | 1 | | 1 | | |
| NORWAY HOUSE | MINK | 58 | | 1 | J | 1 | | |
| NORWAY HOUSE | MINK | 59 | | 1 | | | F | 0 |
| NORWAY HOUSE | MINK | 61 | 1 | | | 1 | | |
| NORWAY HOUSE | MINK | 62 | 1 | | | 1 | | |
| NORWAY HOUSE | MINK | 63 | | 1 | J | | 1 | |
| NORWAY HOUSE | MINK | 68 | 1 | | | | 1 | 0 |
| NORWAY HOUSE | MINK | 75 | 1 | | J | | 1 | 0 |
| NORWAY HOUSE | MINK | 65 | | 1 | | | 1 | 0 |
| NORWAY HOUSE | MINK | 66 | | 1 | | | 1 | |
| NORWAY HOUSE | MINK | 113160 | 1 | | | | 1 | ? |
| NORWAY HOUSE | MINK | 113161 | 1 | | | | 1 | 0 |
| NORWAY HOUSE | MINK | 113162 | 1 | | | | 1 | 0 |
| NORWAY HOUSE | OTTER | 113112 | 1 | | | | 1 | 0 |
| NORWAY HOUSE | OTTER | 113122 | | 1 | | | 1 | 0 |
| NORWAY HOUSE | OTTER | 113123 | | 1 | 1 | | 1 | |
| NORWAY HOUSE | OTTER | 113130 | 1 | | | | 1 | 0 |
| NORWAY HOUSE | RED FOX | | | | | | 1 | |
| | | | 20 | 21 | | 13 | 28 | |

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| TRAPLINE | SPECIES | SPECIMEN # | JUV. | ADULT | YEARS | MALE | FEMALE | SCARS |
|---|---|---|---|---|---|---|---|---|
| SHERRIDON | FISHER | 162 | | | | 1 | | |
| SHERRIDON | FISHER | 113289 | 1 | | | 1 | | |
| SHERRIDON | FISHER | 113290 | 1 | | J | 1 | | |
| SHERRIDON | FISHER | 113291 | 1 | | | 1 | | |
| SHERRIDON | FISHER | 113292 | 1 | | | 1 | | |
| SHERRIDON | FISHER | 113293 | 1 | | | | 1 | |
| SHERRIDON | FISHER | 113294 | 1 | | J | | 1 | |
| SHERRIDON | FISHER | 113296 | 1 | | | | 1 | 0 |
| SHERRIDON | FISHER | 113297 | 1 | | | | 1 | 0 |
| SHERRIDON | FISHER | 113298 | 1 | | | 1 | | |
| SHERRIDON | FISHER | 113299 | 1 | | | 1 | | |
| SHERRIDON | FISHER | 113321 | 1 | | J | | 1 | 0 |
| SHERRIDON | FISHER | 113322 | 1 | | | | 1 | |
| SHERRIDON | FISHER | 113323 | 1 | | J | | 1 | |
| SHERRIDON | FISHER | 113324 | 1 | | | 1 | | |
| SHERRIDON | FISHER | 113330 | 1 | | | 1 | | |
| SHERRIDON | FISHER | 113326 | 1 | | | | 1 | |
| SHERRIDON | FISHER | 113327 | 1 | | | | 1 | |
| SHERRIDON | FISHER | 113328 | 1 | | | 1 | | |
| SHERRIDON | FISHER | 113331 | 1 | | | | 1 | 0 |
| SHERRIDON | FISHER | 113288 | | 1 | | | 1 | 2 |
| SHERRIDON | MARTEN | 17 | | | 1 | | 1 | 3 |
| SHERRIDON | MINK | 163 | | | | 1 | | |
| SHERRIDON | MINK | 164 | | | | | 1 | |
| SHERRIDON | MINK | 165 | | | | | 1 | 4 |
| SHERRIDON | MINK | 166 | | | | | 1 | |
| SHERRIDON | MINK | 113237 | | 1 | | | 1 | |
| SHERRIDON | MINK | 113238 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113239 | | 1 | | | 1 | |
| SHERRIDON | MINK | 113240 | | 1 | | | 1 | |
| SHERRIDON | MINK | 113241 | | 1 | | | 1 | 0 |
| SHERRIDON | MINK | 113242 | 1 | | J | | 1 | 0 |
| SHERRIDON | MINK | 113243 | 1 | | | | 1 | 0 |
| SHERRIDON | MINK | 113244 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113245 | 1 | | | | 1 | 0 |
| SHERRIDON | MINK | 113246 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113247 | 1 | | J | 1 | | |
| SHERRIDON | MINK | 113248 | | 1 | | | 1 | |
| SHERRIDON | MINK | 113249 | | 1 | | | 1 | 0 |
| SHERRIDON | MINK | 113250 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113251 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113252 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113253 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113254 | | 1 | | | 1 | |
| SHERRIDON | MINK | 113255 | | 1 | 1 | | 1 | 0 |
| SHERRIDON | MINK | 113256 | | 1 | | | 1 | |
| SHERRIDON | MINK | 113257 | | 1 | | | 1 | 0 |
| SHERRIDON | MINK | 113258 | | 1 | | | 1 | 0 |
| SHERRIDON | MINK | 113259 | | 1 | | | 1 | 1 |
| SHERRIDON | MINK | 113260 | | 1 | | | 1 | 0 |

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| TRAPLINE | SPECIES | SPECIMEN # | JUV. | ADULT | YEARS | MALE | FEMALE | SCARS |
|---|---|---|---|---|---|---|---|---|
| SHERRIDON | MINK | 113261 | | 1 | J | | 1 | 0 |
| SHERRIDON | MINK | 113263 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113264 | | 1 | | | 1 | 2 |
| SHERRIDON | MINK | 113265 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113266 | | 1 | | | 1 | |
| SHERRIDON | MINK | 113267 | 1 | | J | | 1 | 0 |
| SHERRIDON | MINK | 113268 | 1 | | | | 1 | |
| SHERRIDON | MINK | 113269 | 1 | | | | 1 | |
| SHERRIDON | MINK | 113270 | | 1 | | | | |
| SHERRIDON | MINK | 113271 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113272 | | 1 | | 1 | | |
| SHERRIDON | MINK | 113273 | 1 | | 1 | 1 | | |
| SHERRIDON | MINK | 113274 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113275 | 1 | | | | 1 | 0 |
| SHERRIDON | MINK | 113276 | 1 | | | | 1 | 0 |
| SHERRIDON | MINK | 113277 | 1 | | | | 1 | |
| SHERRIDON | MINK | 113278 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113279 | | | 2 | | 1 | |
| SHERRIDON | MINK | 113280 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113281 | | 1 | | | 1 | |
| SHERRIDON | MINK | 113282 | 1 | | | | 1 | 0 |
| SHERRIDON | MINK | 113283 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113284 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113285 | | 1 | 1 | | 1 | 1 |
| SHERRIDON | MINK | 113286 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113287 | 1 | | | | 1 | |
| SHERRIDON | MINK | 113300 | | 1 | | | 1 | 0 |
| SHERRIDON | MINK | 113262 | 1 | | | 1 | | |
| SHERRIDON | MINK | 1 | 1 | | | 1 | | |
| SHERRIDON | MINK | 2 | | | | 1 | | |
| SHERRIDON | MINK | 3 | | 1 | | | 1 | |
| SHERRIDON | MINK | 4 | 1 | | | 1 | | |
| SHERRIDON | MINK | 5 | 1 | | J | | 1 | |
| SHERRIDON | MINK | 6 | | 1 | | | 1 | |
| SHERRIDON | MINK | 7 | | 1 | | | 1 | |
| SHERRIDON | MINK | 8 | | | | 1 | | |
| SHERRIDON | MINK | 9 | | 1 | | 1 | | |
| SHERRIDON | MINK | 10 | | 1 | 3 | | 1 | |
| SHERRIDON | MINK | 11 | | 1 | | 1 | | |
| SHERRIDON | MINK | 12 | | 1 | | | 1 | |
| SHERRIDON | MINK | 13 | 1 | | | 1 | | |
| SHERRIDON | MINK | 14 | | | | 1 | | |
| SHERRIDON | MINK | 15 | | 1 | 1 | | 1 | |
| SHERRIDON | MINK | 16 | | 1 | | 1 | | |
| SHERRIDON | MINK | 113301 | 1 | | | | 1 | |
| SHERRIDON | MINK | 113302 | | 1 | | | 1 | |
| SHERRIDON | MINK | 113303 | | 1 | 2 | 1 | | |
| SHERRIDON | MINK | 113305 | 1 | | | | 1 | 0 |
| SHERRIDON | MINK | 113306 | 1 | | | | 1 | 0 |
| SHERRIDON | MINK | 113307 | | 1 | | | 1 | |

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|---|---|---|---|---|---|---|---|---|
| SHERRIDON | MINK | 113308 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113309 | 1 | | J | | 1 | 0 |
| SHERRIDON | MINK | 113310 | 1 | | | | 1 | |
| SHERRIDON | MINK | 113311 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113312 | | 1 | | | 1 | 2 |
| SHERRIDON | MINK | 113313 | 1 | | | | 1 | 0 |
| SHERRIDON | MINK | 113314 | 1 | | | | 1 | 0 |
| SHERRIDON | MINK | 113315 | 1 | | J | 1 | | |
| SHERRIDON | MINK | 113316 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113317 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113318 | | 1 | | | 1 | |
| SHERRIDON | MINK | 113319 | | 1 | | | 1 | 0 |
| SHERRIDON | MINK | 113320 | | 1 | | | 1 | |
| SHERRIDON | MINK | 113383 | | 1 | | | 1 | 0 |
| SHERRIDON | MINK | 113384 | 1 | | J | | 1 | 0 |
| SHERRIDON | MINK | 113385 | 1 | | | | 1 | 0 |
| SHERRIDON | MINK | 113386 | | 1 | | 1 | | |
| SHERRIDON | MINK | 113387 | 1 | | | | 1 | |
| SHERRIDON | MINK | 113388 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113389 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113390 | 1 | | J | 1 | | |
| SHERRIDON | MINK | 113391 | | 1 | | | 1 | |
| SHERRIDON | MINK | 113392 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113393 | | 1 | | | 1 | |
| SHERRIDON | MINK | 113394 | | 1 | | 1 | | |
| SHERRIDON | MINK | 113395 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113396 | 1 | | J | 1 | | |
| SHERRIDON | MINK | 113397 | | 1 | | 1 | | |
| SHERRIDON | MINK | 113398 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113399 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113400 | 1 | | | | 1 | 0 |
| SHERRIDON | MINK | | | | | | 1 | |
| SHERRIDON | MINK | 113350 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113351 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113352 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113353 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113354 | | 1 | J | 1 | | |
| SHERRIDON | MINK | 113355 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113356 | 1 | | | | 1 | 0 |
| SHERRIDON | MINK | 113357 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113358 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113359 | 1 | | | | 1 | 0 |
| SHERRIDON | MINK | 113360 | | 1 | J | | 1 | 0 |
| SHERRIDON | MINK | 113361 | 1 | | | | 1 | 0 |
| SHERRIDON | MINK | 113362 | | 1 | | | 1 | |
| SHERRIDON | MINK | 113363 | | 1 | | 1 | | |
| SHERRIDON | MINK | 113364 | | 1 | | 1 | | |
| SHERRIDON | MINK | 113365 | | 1 | | | 1 | |
| SHERRIDON | MINK | 113366 | | 1 | J | | 1 | 0 |
| SHERRIDON | MINK | 113367 | 1 | | | 1 | | |

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| TRAPLINE | SPECIES | SPECIMEN # | JUV. | ADULT | YEARS | MALE | FEMALE | SCARS |
|---|---|---|---|---|---|---|---|---|
| SHERRIDON | MINK | 113368 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113369 | | 1 | | | 1 | |
| SHERRIDON | MINK | 113370 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113371 | | | | 1 | | |
| SHERRIDON | MINK | 113372 | | 1 | 1 | | 1 | |
| SHERRIDON | MINK | 113373 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113374 | 1 | | | | 1 | 0 |
| SHERRIDON | MINK | 113375 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113376 | 1 | | | | 1 | |
| SHERRIDON | MINK | 113377 | 1 | | | | 1 | 0 |
| SHERRIDON | MINK | 113378 | 1 | | J | | 1 | 0 |
| SHERRIDON | MINK | 113379 | | 1 | | | 1 | |
| SHERRIDON | MINK | 113380 | 1 | | | 1 | | |
| SHERRIDON | MINK | 113381 | | 1 | | 1 | | |
| SHERRIDON | MINK | 113382 | | 1 | | | 1 | 0 |
| SHERRIDON | OTTER | 113295 | | 1 | | 1 | | |
| SHERRIDON | OTTER | 113335 | | 1 | 1 | 1 | | |
| SHERRIDON | OTTER | 113336 | | 1 | | 1 | | |
| SHERRIDON | OTTER | 113337 | 1 | | | 1 | | |
| SHERRIDON | OTTER | 113338 | 1 | | | 1 | | |
| SHERRIDON | OTTER | 113339 | | 1 | | | 1 | |
| SHERRIDON | OTTER | 113340 | 1 | | | 1 | | |
| SHERRIDON | OTTER | 113341 | | 1 | 1 | 1 | | |
| SHERRIDON | OTTER | 113342 | | 1 | | | 1 | |
| SHERRIDON | OTTER | 113343 | 1 | | | | 1 | 0 |
| SHERRIDON | OTTER | 113344 | 1 | | | | 1 | 0 |
| SHERRIDON | OTTER | 113345 | | 1 | 1 | | 1 | 2 |
| SHERRIDON | OTTER | 113346 | | 1 | | | 1 | 0 |
| SHERRIDON | OTTER | 113347 | | 1 | | 1 | | |
| SHERRIDON | OTTER | 113348 | 1 | | | | 1 | 0 |
| SHERRIDON | OTTER | 113349 | | 1 | | | 1 | |
| SHERRIDON | RED SQUIRREL | | | | | | | |
| SHERRIDON | ST. WEASEL | | | | | 1 | | |
| SHERRIDON | ST. WEASEL | | | | | | 1 | |
| SHERRIDON | ST. WEASEL | | | | | | | |
| SHERIDON | MINK | 113304 | | 1 | | | 1 | 0 |

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| TRAPLINE | SPECIES | SPECIMEN # | JUV. | ADULT | YEARS | MALE | FEMALE | SCARS |
|---|---|---|---|---|---|---|---|---|
| SNOW LAKE | FISHER | 100 | 1 | | | 1 | | |
| SNOW LAKE | FISHER | 101 | 1 | | | 1 | | |
| SNOW LAKE | FISHER | 102 | 1 | | J | 1 | | |
| SNOW LAKE | FISHER | 112979 | 1 | | | 1 | | |
| SNOW LAKE | FISHER | 112983 | 1 | | J | 1 | | |
| SNOW LAKE | FISHER | 112984 | 1 | | J | | 1 | 0 |
| SNOW LAKE | MARTEN | 155 | 1 | | J | | 1 | |
| SNOW LAKE | MARTEN | 156 | | 1 | 1 | | 1 | 0 |
| SNOW LAKE | MARTEN | 157 | 1 | | J | 1 | | |
| SNOW LAKE | MINK | 109 | 1 | | | 1 | | |
| SNOW LAKE | MINK | 110 | 1 | | | 1 | | |
| SNOW LAKE | MINK | 111 | | 1 | | 1 | | |
| SNOW LAKE | MINK | 132 | | 1 | | | 1 | 0 |
| SNOW LAKE | MINK | 137 | | 1 | | | 1 | |
| SNOW LAKE | MINK | 138 | 1 | | | 1 | | |
| SNOW LAKE | MINK | 143 | | 1 | | 1 | | |
| SNOW LAKE | MINK | 150 | 1 | | | 1 | | |
| SNOW LAKE | MINK | 107 | | 1 | J | 1 | | |
| SNOW LAKE | MINK | 108 | 1 | | | | 1 | 0 |
| SNOW LAKE | MINK | 120 | 1 | | | | | |
| SNOW LAKE | MINK | 124 | 1 | | J | 1 | | |
| SNOW LAKE | MINK | 133 | 1 | | | 1 | | |
| SNOW LAKE | MINK | 134 | | 1 | | | 1 | |
| SNOW LAKE | MINK | 135 | 1 | | | | 1 | 0 |
| SNOW LAKE | MINK | 136 | 1 | | J | | 1 | 0 |
| SNOW LAKE | MINK | 148 | 1 | | | 1 | | |
| SNOW LAKE | MINK | 149 | 1 | | J | | 1 | 0 |
| SNOW LAKE | MINK | 151 | | 1 | | 1 | | |
| SNOW LAKE | MINK | 103 | | 1 | | | 1 | 0 |
| SNOW LAKE | MINK | 104 | | 1 | | 1 | | |
| SNOW LAKE | MINK | 105 | | 1 | | | 1 | 0 |
| SNOW LAKE | MINK | 106 | | 1 | | 1 | | |
| SNOW LAKE | MINK | 112 | 1 | | J | 1 | | |
| SNOW LAKE | MINK | 113 | | 1 | | | 1 | 0 |
| SNOW LAKE | MINK | 114 | | 1 | | 1 | | |
| SNOW LAKE | MINK | 115 | 1 | | | 1 | | |
| SNOW LAKE | MINK | 116 | 1 | | | 1 | | |
| SNOW LAKE | MINK | 117 | 1 | | | | 1 | 0 |
| SNOW LAKE | MINK | 118 | | 1 | 2 | | 1 | |
| SNOW LAKE | MINK | 119 | 1 | | | 1 | | |
| SNOW LAKE | MINK | 121 | | 1 | | 1 | | |
| SNOW LAKE | MINK | 122 | | 1 | | | 1 | 0 |
| SNOW LAKE | MINK | 123 | 1 | | | | 1 | 0 |
| SNOW LAKE | MINK | 125 | | 1 | | | 1 | 0 |
| SNOW LAKE | MINK | 126 | 1 | | | 1 | | |
| SNOW LAKE | MINK | 127 | | 1 | | | 1 | 4 |
| SNOW LAKE | MINK | 128 | | 1 | | 1 | | |
| SNOW LAKE | MINK | 129 | 1 | | | 1 | | |
| SNOW LAKE | MINK | 130 | | 1 | 1 | | 1 | 0 |
| SNOW LAKE | MINK | 131 | 1 | | | | 1 | 0 |

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| TRAPLINE | SPECIES | SPECIMEN # | JUV. | ADULT | YEARS | MALE | FEMALE | SCARS |
|---|---|---|---|---|---|---|---|---|
| SNOW LAKE | MINK | 139 | 1 | | | | 1 | 0 |
| SNOW LAKE | MINK | 140 | 1 | | | 1 | | |
| SNOW LAKE | MINK | 141 | | 1 | | | 1 | 0 |
| SNOW LAKE | MINK | 142 | | 1 | 1 | 1 | | |
| SNOW LAKE | MINK | 144 | | 1 | | 1 | | |
| SNOW LAKE | MINK | 145 | 1 | | | 1 | | |
| SNOW LAKE | MINK | 146 | 1 | | | | 1 | 0 |
| SNOW LAKE | MINK | 147 | 1 | | | | 1 | 0 |
| SNOW LAKE | MINK | 153 | 1 | | | 1 | | |
| SNOW LAKE | MINK | 154 | 1 | | | | 1 | 0 |
| SNOW LAKE | MINK | 112986 | 1 | | | 1 | | |
| SNOW LAKE | MINK | 112987 | 1 | | | | 1 | |
| SNOW LAKE | MINK | 112988 | | 1 | | 1 | | |
| SNOW LAKE | MINK | 112989 | 1 | | | 1 | | |
| SNOW LAKE | MINK | 112985 | 1 | | J | | 1 | 3? |
| SNOW LAKE | OTTER | 96 | | 1 | | | 1 | 0 |
| SNOW LAKE | OTTER | 94 | | 1 | 2 | | 1 | |
| SNOW LAKE | OTTER | 99 | 1 | | J | 1 | | |
| SNOW LAKE | OTTER | 112982 | | 1 | | | 1 | 2 |
| SNOW LAKE | OTTER | 90 | | 1 | | | 1 | |
| SNOW LAKE | OTTER | 98 | 1 | | | | 1 | 0 |
| SNOW LAKE | OTTER | 91 | | 1 | | | 1 | |
| SNOW LAKE | OTTER | 92 | | | | | 1 | |
| SNOW LAKE | OTTER | 93 | | 1 | | | 1 | |
| SNOW LAKE | OTTER | 95 | | 1 | | | 1 | |
| SNOW LAKE | OTTER | 97 | | 1 | | | 1 | 0 |
| SNOW LAKE | RED FOX | 89 | 1 | | J | 1 | | |
| SNOW LAKE | RED SQUIRREL | | | | | | | |
| SNOW LAKE | ST. WEASEL | | | | | 3 | | |
| SNOW LAKE | ST. WEASEL | | | | | 4 | | |
| SNOW LAKE | WOLVERINE | 158 | | 1 | 2 | 1 | | |
| | | | 43 | 34 | | 46 | 38 | |

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| TRAPLINE | SPECIES | SPECIMEN # | JUV. | ADULT | YEARS | MALE | FEMALE | SCARS |
|---|---|---|---|---|---|---|---|---|
| SOUTHEAST | COYOTE | 113079 | 1 | | J | 1 | | |
| SOUTHEAST | COYOTE | 113080 | 1 | | J | | 1 | 0 |
| SOUTHEAST | FISHER | 113074 | 1 | | | 1 | | |
| SOUTHEAST | FISHER | 113069 | | 1 | | | 1 | 0 |
| SOUTHEAST | FISHER | 113070 | | 1 | | | 1 | 2 |
| SOUTHEAST | FISHER | 113071 | | 1 | | | 1 | |
| SOUTHEAST | FISHER | 113072 | | 1 | 1 | 1 | | |
| SOUTHEAST | FISHER | 113073 | | 1 | | | 1 | 2 |
| SOUTHEAST | LYNX | 113108 | | 1 | 1 | 1 | | |
| SOUTHEAST | MINK | 113063 | | 1 | | 1 | | |
| SOUTHEAST | MINK | 113064 | 1 | | | | 1 | 0 |
| SOUTHEAST | MINK | 113065 | 1 | | | 1 | | |
| SOUTHEAST | MINK | 113066 | 1 | | | 1 | | |
| SOUTHEAST | MINK | 113067 | 1 | | | 1 | | |
| SOUTHEAST | MINK | 113068 | 1 | | | 1 | | |
| SOUTHEAST | MINK | 113078 | 1 | | | 1 | | |
| SOUTHEAST | RED FOX | 113075 | | 1 | | 1 | | |
| SOUTHEAST | RED FOX | 113076 | | 1 | 3 | 1 | | |
| SOUTHEAST | RED FOX | 113077 | | 1 | | 1 | | |
| SOUTHEAST | WOLF | 113081 | 1 | | J | 1 | | |
| SOUTHEAST | WOLF | 113082 | 1 | | J | 1 | | |
| | | | 11 | 10 | | 15 | 6 | |

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| TRAPLINE | SPECIES | SPECIMEN # | JUV. | ADULT | YEARS | MALE | FEMALE | SCARS |
|---|---|---|---|---|---|---|---|---|
| THOMPSON | ARCTIC FOX | 113158 | 1 | | | | 1 | 0 |
| THOMPSON | FISHER | 113144 | 1 | | J | 1 | | |
| THOMPSON | FISHER | 113145 | | 1 | | | 1 | 2 |
| THOMPSON | FISHER | 113146 | 1 | | | | 1 | 0 |
| THOMPSON | FISHER | 113147 | 1 | | | | 1 | 1 |
| THOMPSON | MINK | 113148 | | 1 | | | 1 | 0 |
| THOMPSON | MINK | 113149 | 1 | | | 1 | | |
| THOMPSON | MINK | 113150 | | 1 | J | | 1 | 0 |
| THOMPSON | MINK | 113151 | 1 | | | 1 | | |
| THOMPSON | MINK | 113152 | 1 | | | 1 | | |
| THOMPSON | MINK | 113153 | 1 | | | 1 | | |
| THOMPSON | MINK | 113154 | 1 | | | | 1 | 0 |
| THOMPSON | MINK | 113155 | 1 | | J | 1 | | |
| THOMPSON | MINK | 113156 | | 1 | | | 1 | 3 |
| THOMPSON | MINK | 113157 | 1 | | | 1 | | |
| THOMPSON | ST. WEASEL | | | | | 1 | | |
| THOMPSON | ARCTIC FOX | 160 | 1 | | J | | 1 | 0 |
| | | | 1 | | | | 1 | |

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| TRAPLINE | SPECIES | SPECIMEN # | JUV. | ADULT | YEARS | MALE | FEMALE | SCARS |
|---|---|---|---|---|---|---|---|---|
| THE PAS | COYOTE | 112968 | 1 | | J | 1 | | |
| THE PAS | COYOTE | 112978 | 1 | | | | 1 | 0 |
| THE PAS | FISHER | 113179 | 1 | | J | | | |
| THE PAS | MINK | 21 | | 1 | | 1 | | |
| THE PAS | MINK | 22 | | 1 | | 1 | | |
| THE PAS | MINK | 23 | | 1 | | 1 | | |
| THE PAS | MINK | 24 | 1 | | J | 1 | | |
| THE PAS | MINK | 25 | 1 | | | 1 | | |
| THE PAS | MINK | 26 | 1 | | | 1 | | |
| THE PAS | MINK | 27 | 1 | | | 1 | | |
| THE PAS | MINK | 28 | | 1 | | | 1 | 0 |
| THE PAS | MINK | 29 | | 1 | | 1 | | |
| THE PAS | MINK | 30 | | 1 | J | | 1 | 0 |
| THE PAS | MINK | 31 | | | | 1 | | |
| THE PAS | MINK | 32 | | 1 | | | 1 | 0 |
| THE PAS | MINK | 34 | | 1 | | | 1 | 0 |
| THE PAS | MINK | 35 | | 1 | | 1 | | |
| THE PAS | MINK | 33 | | 1 | | | 1 | |
| THE PAS | MINK | 112971 | | 1 | | 1 | | |
| THE PAS | MINK | 112972 | 1 | | | 1 | | |
| THE PAS | MINK | 112973 | 1 | | J | 1 | | |
| THE PAS | MINK | 112974 | | 1 | | | 1 | 0 |
| THE PAS | MINK | 112975 | 1 | | | | 1 | 5 |
| THE PAS | MINK | 112976 | | 1 | | 1 | | |
| THE PAS | MINK | 60 | | 1 | | | 1 | 0 |
| THE PAS | MINK | 64 | | 1 | | | 1 | 0 |
| THE PAS | MINK | 67 | 1 | | | | 1 | 0 |
| THE PAS | MINK | 69 | 1 | | J | | 1 | 0 |
| THE PAS | MINK | 70 | 1 | | | | 1 | |
| THE PAS | MINK | 71 | 1 | | | 1 | | |
| THE PAS | MINK | 72 | 1 | | | | 1 | |
| THE PAS | MINK | 73 | 1 | | | | 1 | 0 |
| THE PAS | MINK | 74 | 1 | | | | 1 | |
| THE PAS | MINK | 76 | 1 | | | | 1 | 0 |
| THE PAS | MINK | 113208 | | 1 | | 1 | | |
| THE PAS | MINK | 112980 | 1 | | | 1 | | |
| THE PAS | MINK | 112981 | 1 | | | | 1 | 0 |
| THE PAS | MINK | 113201 | | 1 | 1 | | 1 | |
| THE PAS | MINK | 113205 | 1 | | | 1 | | |
| THE PAS | OTTER | 36 | 1 | | J | | 1 | 0 |
| THE PAS | OTTER | 113124 | | 1 | 1 | 1 | | |
| THE PAS | RACCOON | 112977 | 1 | | | 1 | | |
| THE PAS | RED FOX | 112969 | 1 | | | | 1 | 0 |
| THE PAS | RED FOX | 112970 | 1 | | | | 1 | 0 |
| THE PAS | ST. WEASEL | | | | | 1 | | |
| THE PAS | ST. WEASEL | | | | | 1 | | |
| THE PAS | WOLF | 85 | | | | 1 | | |
| THE PAS | WOLF | 87 | | | | 1 | | |
| THE PAS | WOLF | 84 | | | | 1 | | |
| THE PAS | WOLF | 86 | | | | 1 | | |
| THE PAS | WOLF | 88 | | | | 1 | | |

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| TRAPLINE | SPECIES | SPECIMEN # | JUV. | ADULT | YEARS | MALE | FEMALE | SCARS |
|---|---|---|---|---|---|---|---|---|
| DALLAS | FISHER | 113325 | | 1 | | | 1 | 3 |
| | | | | 1 | | | 1 | |
| GRAND RAPIDS | LYNX | 159 | | 1 | 4 | | 1 | |
| ISLAND LAKE | FISHER | 113332 | 1 | | J | 1 | | |
| ISLAND LAKE | FISHER | 113333 | 1 | | J | | 1 | 0 |
| ISLAND LAKE | MINK | 113334 | 1 | | J | 1 | | |
| MORRIS | FISHER | 112996 | 1 | | J | 1 | | |
| UNKNOWN | MINK | 112993 | 1 | | | 1 | | |